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STN: Cas Japio Inspec, USPAT

(FILE 'HOME' ENTERED AT 10:31:07 ON 27 AUG 2002)

FILE 'CA' ENTERED AT 10:31:11 ON 27 AUG 2002

L1 1561156 S ETCH? OR PATTERN? OR PATTERN? OR REMOV?
L2 800113 S PLASMA# OR SPUTTER? OR CORONA# OR RIE OR MERIE OR MRIE OR GLO
L3 103192 S RESIST# OR PHOTORESIST# OR MASK# OR PHOTOMASK#
L4 859742 S VIA OR VIAS OR PLUG OR PLUGS OR PILLAR OR PILLARS OR STUD OR
L5 46525 S L1(10A)L2
L6 25933 S L4(10A)L1
L7 1122 S L5 AND L6 AND L3
L8 2163843 S SIO OR SIO2 OR ILD OR IMD OR LOW(3A)K OR LOW(3A)DIELEC? OR NI
L9 87142 S SI(3W)N OR SI3N4 OR SIN OR OXYNITRID? OR BOROSILIC? OR PHOSPH
L10 555978 S POLYIMID? OR POLYAMID? OR SILK OR FLARE OR TEFLON OR TFE OR P
L11 486 S L7 AND L10
L12 197 S L7 AND L9
L13 716 S L7 AND L8
L14 878 S L11 OR L12 OR L13
L15 277863 S NF3 OR NF(3W)3 OR NH3 OR NH(3W)3 OR N2O OR N(W) SUB(W)2(W)O

FILE 'REGISTRY' ENTERED AT 10:37:19 ON 27 AUG 2002

L16 0 S NF3/MF
L17 7 S F3N/MF
L18 0 S NH3/MF
L19 35 S H3N/MF
L20 28 S N2O/MF

FILE 'CA' ENTERED AT 10:37:58 ON 27 AUG 2002

L21 61 S L14 AND (L17 OR L19 OR L20 OR L15)
L22 64 S L14 AND (AMMON? OR NITROGEN(3A)TRIFLUORID? OR NITRIC?(3W)OXID
L23 88 S L21 OR L22
L24 26 S L23 AND (SELECT? OR PROFILE?)
L25 0 S L23 AND (NH3 OR AMMONIA? OR NH(3W)3 OR L19) AND (NF3 OR NF(3W
L26 1 S L23 AND (NH3 OR AMMONIA? OR NH(3W)3 OR L19) AND (N2O OR L20 O
L27 2 S L23 AND (NF3 OR NF(3W)3 OR L17 OR NITROGEN(3W)TRIFLUORID?) AN
L28 29 S L24 OR L25 OR L26 OR L27
L29 11 S L23 AND DUAL AND DAMASCEN?
L30 38 S L28 OR L29
L31 50 S L23 NOT L30
SAVE ETCHL30/A L30
SAVE ETCHL31/A L31

FILE 'JAPIO' ENTERED AT 10:46:45 ON 27 AUG 2002

L32 5 S L30
L33 9 S L31

FILE 'CA' ENTERED AT 11:02:27 ON 27 AUG 2002

FILE 'INSPEC' ENTERED AT 11:03:43 ON 27 AUG 2002

L34 3 S L32
L35 5 S L33

FILE 'USPATFULL' ENTERED AT 11:32:28 ON 27 AUG 2002

L36 5159 S L5(P)L6(P)L3
L37 4101 S L36(P)(L8 OR L9 OR L10)
L38 106 S L37(P)L15
L39 47 S L38(P)(SELECTIV? OR PROFIL? OR ANISOTROPIC? OR ISOTROPIC? OR
L40 59 S L38 NOT L39
SET HIGH OFF
L41 3 S L40 AND DAMAS?
SET HIGH ON

L42
L43

3 S L40 AND L41
56 S L40 NOT L42

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